

Appl. No. 09/994,557
Atty. Docket No. CM2478M
Amdt. dated 3/31/06
Reply to Office Action of 2/7/2006
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of washing dishware/tableware in an automatic dishwashing machine, said method comprising the steps of: (1) providing a multi-compartment water soluble pouch comprising pouch material, wherein said multi-compartment pouch is made by a step of forming an open pouch in a mould wherein the pouch material is flush with the inner walls of the mould, and takes the shape of the mould, and said pouch is configured and sealed to define an internal volume that is divided into two or more compartments, wherein a piece of pouch material creates a barrier that divides the internal volume of said pouch into said two or more compartments which are separated from each other, and one of said compartments contains ~~an a-particulate or densified-particulate~~ automatic dishwashing product in tablet form and another of said compartments contains an anhydrous liquid, gel or paste form of a dishwashing detergent auxiliary wherein the compartment comprising the detergent auxiliary is placed above or adjacent the compartment comprising the ~~particulate or densified-particulate~~ automatic dishwashing product in tablet form; and (2) simultaneously or sequentially delivering quantities of said ~~particulate or densified-particulate~~ automatic dishwashing product and of said anhydrous liquid, gel or paste form of a dishwashing detergent auxiliary contained in said separate compartments of said multi-compartment pouch into the same or different cycles of the dishwashing machine and contacting said dishware/tableware therewith.

2 - 3. (Cancelled)

4. (Withdrawn) A method according to claim 1 wherein said particulate dishwashing product comprises one or more moisture-sensitive detergent actives and wherein said detergent auxiliary comprises a humectant in levels sufficient to act as a moisture sink for stabilizing the moisture-sensitive detergent active.

5. (Withdrawn) A method according to claim 4 wherein said humectant is a non-aqueous hydrophilic organic solvent selected from the group consisting of glycols, polyhydric alcohols, and mixtures thereof.

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6. (Currently Amended) A method according to claim 4 wherein said ~~particulate~~ dishwashing product tablet comprises one or more moisture-sensitive detergent actives and at least one of said one or more moisture-sensitive detergent actives is a detergency bleach.
7. (Withdrawn) A method according to claim 1 wherein said anhydrous detergent auxiliary comprises a detergency enzyme.
8. (Original) A method according to claim 1 wherein said anhydrous detergent auxiliary comprises an organic solvent system effective in removing cooked-, baked- and burnt-on soils.
9. (Original) A method according to claim 8 wherein said organic solvent system is selected from the group consisting of alcohols, amines, esters, glycol ethers, glycols, terpenes, and mixtures thereof.
10. (Original) A method according to claim 8 wherein said organic solvent system is selected from the group consisting of organoamine solvents, alcoholic solvents, glycols, glycol derivatives, and mixtures thereof; wherein said organoamine solvents are selected from the group consisting of alkanolamines, alkylamines, alkyleneamines, and mixtures thereof; wherein said alcoholic solvents are selected from the group consisting of aromatic alcohols, aliphatic alcohols, cycloaliphatic alcohols, and mixtures thereof; and wherein said glycols and glycol derivatives are selected from the group consisting of C₂-C₃ (poly)alkylene glycols, glycol ethers, glycol esters, and mixtures thereof.
11. (Withdrawn) A method according to claim 8 wherein said organic solvent comprises organoamine solvent and glycol ether solvent in a weight ratio of from about 3:1 to about 1:3.
12. (Withdrawn) A method according to claim 11 wherein said glycol ether solvent is selected from the group consisting of ethylene glycol monobutyl ether, diethylene glycol monobutyl ether, ethylene glycol monomethyl ether, ethylene glycol monoethyl ether, diethylene glycol monomethyl ether, diethylene glycol monoethyl ether, propylene glycol monobutyl ether, dipropylene glycol monobutyl ether, ethylene glycol phenyl ether, and mixtures thereof.

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13. (Withdrawn) A method according to claim 1 wherein the detergent auxiliary is in the form of a paste having a density greater than about 1100 Kg/m³.
14. (Cancelled)
15. (Original) A method according to claim 1 wherein the compartments of the multi-compartment pouch have different rates of solubility in water under given temperature conditions.
16. (Original) A method according to claim 1 wherein the anhydrous detergent auxiliary composition comprises a non-ionic surfactant.
17. (Previously Presented) A method according to Claim 1 wherein the anhydrous detergent auxiliary composition comprises a liquid.
18. (Previously Presented) A method according to Claim 1 wherein the anhydrous detergent auxiliary composition comprises less than about 10% of water by weight of said auxiliary composition.
19. (Currently Amended) A method of washing dishware/tableware in an automatic dishwashing machine, said method comprising the steps of: (1) providing a multi-compartment water soluble pouch comprising pouch material, wherein said multi-compartment pouch is made by a step of forming an open pouch in a mould wherein the pouch material is flush with the inner walls of the mould, and takes the shape of the mould, and said pouch is configured and sealed to define an internal volume that is divided into two or more compartments, wherein a piece of pouch material creates a barrier that divides the internal volume of said pouch into said two or more compartments which are separated from each other, and one of said compartments contains an a-particulate automatic dishwashing product in tablet form and another of said compartments contains an anhydrous liquid, gel or paste form of a dishwashing detergent auxiliary wherein the compartment comprising the detergent auxiliary is placed above or adjacent the compartment comprising the ~~particulate or densified particulate~~ automatic dishwashing product in tablet form; and (2) simultaneously or sequentially delivering quantities of said ~~particulate~~ automatic dishwashing product and of said anhydrous liquid, gel or paste form of a dishwashing detergent auxiliary contained in said separate compartments of said multi-compartment pouch into the same or different cycles of the dishwashing machine and contacting said dishware/tableware therewith.

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20. (Currently Amended) A method of washing dishware/tableware in an automatic dishwashing machine, said method comprising the steps of: (1) providing a multi-compartment water soluble pouch comprising pouch material, wherein said multi-compartment pouch is made by a step of forming an open pouch in a mould wherein the pouch material is flush with the inner walls of the mould, and takes the shape of the mould, and said pouch is configured and sealed to define an internal volume that is divided into two or more compartments, wherein a piece of pouch material creates a barrier that divides the internal volume of said pouch into said two or more compartments which are separated from each other, and one of said compartments contains ~~an a-particulate or densified-particulate~~ automatic dishwashing product in tablet form and another of said compartments contains a liquid, gel or paste form of a dishwashing detergent auxiliary wherein the compartment comprising the detergent auxiliary is placed above or adjacent the compartment comprising the ~~particulate or densified-particulate~~ automatic dishwashing product in tablet form; and (2) simultaneously or sequentially delivering quantities of said particulate or densified particulate automatic dishwashing product and of said liquid, gel or paste form of a dishwashing detergent auxiliary contained in said separate compartments of said multi-compartment pouch into the same or different cycles of the dishwashing machine and contacting said dishware/tableware therewith.

21. (Cancelled)

22. (Currently Amended) A method of washing dishware/tableware in an automatic dishwashing machine, said method comprising the steps of:

(1) providing a multi-compartment water soluble pouch comprising pouch material, wherein said multi-compartment pouch is made by a step of forming an open pouch in a mould wherein the pouch material is flush with the inner walls of the mould, and takes the shape of the mould, and said pouch is configured and sealed to define an internal volume that is divided into two or more compartments, wherein a piece of pouch material creates a barrier that divides the internal volume of said pouch into said two or more compartments which are separated from each other, and one of said compartments contains ~~an a-particulate or densified-particulate~~ automatic dishwashing product in tablet form and another of said compartments contains a liquid, gel or paste form of a dishwashing detergent auxiliary wherein the compartment comprising the detergent auxiliary is placed above or adjacent the compartment comprising the ~~particulate or densified-particulate~~ automatic dishwashing product in tablet form;

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(2) placing said multi-compartment pouch in the dispenser compartment of an automatic dishwashing machine;

(3) starting the dishwashing machine wherein water contacts said water soluble pouch and said pouch simultaneously or sequentially delivers quantities of said ~~particulate or densified particulate~~ automatic dishwashing product and said liquid, gel or paste form of a dishwashing detergent auxiliary contained in said separate compartments of said multi-compartment pouch into water in the same or different cycles of the dishwashing machine; and

(4) contacting said dishware/tableware simultaneously or sequentially with water containing said ~~particulate or densified particulate~~ automatic dishwashing product and said liquid, gel or paste form of a dishwashing detergent auxiliary.

23. (Currently Amended) A method of washing dishware/tableware in an automatic dishwashing machine, said method comprising the steps of: (1) providing a multi-compartment water soluble pouch comprising pouch material, wherein said multi-compartment pouch is made by a step of forming an open pouch in a mould wherein the pouch material is flush with the inner walls of the mould, and takes the shape of the mould, and said pouch is configured and sealed to define an internal volume that is divided into two or more compartments, wherein a piece of pouch material creates a barrier that divides the internal volume of said pouch into said two or more compartments which are separated from each other, and one of said compartments contains ~~an a-particulate or densified particulate~~ automatic dishwashing product in tablet form and another of said compartments contains an anhydrous liquid, gel or paste form of a dishwashing detergent auxiliary, wherein the compartment comprising the detergent auxiliary is placed above the compartment comprising the ~~particulate or densified particulate~~ automatic dishwashing product in tablet form; and (2) simultaneously or sequentially delivering quantities of said ~~particulate or densified particulate~~ automatic dishwashing product and of said anhydrous liquid, gel or paste form of a dishwashing detergent auxiliary contained in said separate compartments of said multi-compartment pouch into the same or different cycles of the dishwashing machine and contacting said dishware/tableware therewith.

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24. (Previously Presented) The method of Claim 23 wherein said pouch material comprising said multi-compartment water soluble pouch comprises a first piece of pouch material, a second piece of pouch material that is disposed above said first piece of pouch material, and said piece of pouch material that creates a barrier is positioned between said first and second pieces of pouch material, wherein said pieces of pouch material each have edges, and said pieces of pouch material are sealed together at their edges, wherein the pieces of pouch material that form at least two of said compartments are water soluble.